

Listing of Claims

1. (Currently Amended) A system for controlling access to a printing environment comprising:

a directory server coupled to an open system interconnection (OSI) third network the directory server comprising:

a memory; and

a message processor ~~adapted~~ configured to register identification information in a directory table in the memory;

at least one handheld mobile device coupled to a wide area network (WAN);

at least one printing device coupled to a local area first network (LAN), wherein the LAN first network is configured inside at least one firewall, and wherein the directory server is configured outside the at least one firewall, wherein said at least one printing device is configured to print at least one file from said at least one handheld mobile device only after receiving necessary configuration information, and wherein said LAN and said WAN network operate using non-homogeneous communication protocol;

~~a second network coupled to the first network and the third network;~~

wherein the directory server message processor is configured a means for automatically registering identification information for the at least one printing device on the directory server without intervention by an administrator, wherein the identification information at least partially comprises availability information and configuration information;

~~at least one client device coupled to the first network;~~

~~wherein said at least one handheld mobile device is configured to send a means for sending a discrete request to the directory server, said discrete request from the at least one client device comprising an availability inquiry about the printing availability of an said at least one printing device;~~

~~wherein the directory server message processor is configured a message processing means for processing the discrete request and issuing a discrete reply message to the at least one handheld mobile client device, wherein the discrete reply message comprises all the configuration information necessary for the at least one handheld mobile client device to configure the at least one printer to print files from the at least one handheld mobile client device without intervention by an administrator; and~~

~~a means for configuring the at least one printer to print at least one file from the at least one client device.~~

2. (Cancelled).

3. (Previously Presented) The system of claim 1, wherein the at least one printing device is selected from among an inkjet printer, a laser printer, a wide format printer, and a dot matrix printer.

4. (Cancelled).

5. (Previously Presented) The system of claim 1, wherein the network device further comprises a network connection for coupling to the first network.

6-10. (Cancelled).

11. (Previously Presented) The system of claim 1, wherein the identification information comprises an address.

12. (Previously Presented) The system of claim 1, wherein the identification information comprises an address of the network device on the first network.

13. (Previously Presented) The system of claim 1, wherein the first network is coupled to a second network, and the identification information comprises an address of the first network on the second network.

14-24. (Cancelled).